

Ethylene oxide
75-21-8 | DTXSID0020600

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.95	0.69	0.95	0.65	0.96	0.68

Model Results

Predicted value: 2.08

Global applicability domain: Inside

Local applicability domain index: 9.42e-01

Confidence level: 5.75e-01

Nearest Neighbors from the Training Set

Image not found

Acetonitrile

Measured: 2.31

Predicted: 1.96

Image not found

Methyl formate

Measured: 1.75

Predicted: 1.78

Image not found

Propane

Measured: 0.97

Predicted: 1.60

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Nitroethane

Measured: 2.88

Predicted: 2.25

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Nitromethane

Measured: 2.53

Predicted: 1.63